

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Christian SIEMERS et al.

Conf.

Application No. **NEW NATIONAL PHASE**

Group

Filed August 9, 2006

Examiner

RECONFIGURABLE SWITCHING DEVICE FOR PARALLEL CALCULATION OF ANY PARTICULAR ALGORITHMS

**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

August 9, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- ☐ Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- ☐ Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

AP20 Rec'd PCT/PTO 09 AUG 2006

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☒ **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

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Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Report  
☐ Other: \_\_\_\_\_

(Use several sheets if necessary)

**4001-1222**

Christian SIEMERS et al.

**August 9, 2006**

**Group Art Unit:**

[illegible]

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	103 47 975	3/15/2004	GERMANY				
	198 43 640	3/30/2000	GERMANY				

	Rechenberg, Pomberger: "Informatik-Hanbuch, 3. Auflage", 2002, Hanser, Muenchen, Seite 275
	C. Wiegand, C. Siemers, H. Richter: "Definition of a Configurable Architecture for Implementation of Global Cellular Automation", Bd. 2981, Febr. 2004, Seiten 140-155
	L. Jozwiak, et al: "Effective and efficient FPGA synthesis through general functional decomposition" Journal of Systems Architecture, Elsevier, Science Publishers BV, Amsterdam, NL, Bd. 49, No. 4-6, Sept. 2003, Seiten 247-265
	M.M. Mirsalehi, T.K. Gaylord: "Logical minimization of multilevel coded functions", Applied Optics, Bd. 25, No. 18, Sept. 1986, Seiten 3078-3088
	R. Hoffmann, K.O. Volkmann, W. Heenes: "Globaler Zellularautomat (GCA): Ein neues massivparalleles Berechnungsmodell" PARS WORKSHOP, Oktober 2001
	R. Hoffmann et al: "GCA: a massively parallel model", Parallel and distributed processing symposium, 2003. Proceedings international, April 2003, Piscataway, NJ, USA, Seiten 270-276

DATE CONSIDERED

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* English language abstract provided for the Examiner's convenience

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